

Title (en)

Dental system for treating a root canal.

Title (de)

Dentale Einheit zur Behandlung eines Wurzelkanals.

Title (fr)

Système dentaire pour le traitement de canaux radiculaires.

Publication

**EP 0392518 A1 19901017 (EN)**

Application

**EP 90106961 A 19900411**

Priority

JP 9447889 A 19890414

Abstract (en)

The present invention relates to dental equipment for treating a root canal. According to the present invention, two input signals with different frequencies are superposed. The difference between impedances corresponding to the two different frequencies at a given position in the root canal where the impedances hardly vary, is obtained. This value and a clinically determined value are used to detect the desired position in the root canal.

IPC 1-7

**A61C 5/02**

IPC 8 full level

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CPC (source: EP US)

**A61C 5/40** (2017.02 - EP US); **A61C 19/042** (2013.01 - EP US)

Citation (search report)

- [A] EP 0029689 A1 19810603 - MS SURGICAL MFG CO LTD [JP]
- [A] US 3660901 A 19720509 - INOUE NOBORU
- [A] EP 0205937 A1 19861230 - TOMASINI GIANNI

Cited by

EP2345388A1; WO2011085742A1; US5980248A; DE102006035681B4; FR2668701A1; GB2248553B; AU731786B2; US6482008B2; US7758342B2; WO2005077298A1; US6929476B2; DE10219648B4; US8594782B2; WO9746170A1

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